



HATS OFF TO LOS ANGELES AIRWAYS TO THE U. S. POST OFFICE

In cooperation with the U. S. Past Office, Los Angeles Airways has completed a full year of pioneering in carrying the mail by helicapter. A few figures indicate how eminently successful the operation has been.

 Oct. 1947
 Sept. 1948
 Increase
 Total

 Pounds carried
 48,100
 272,981
 468%
 1,510,670

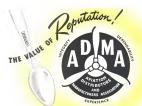
 Revenue miles flown
 9,853
 26,465
 169%
 237,474

In performance of this took, rugged Sikorsky helicopters, the only ones used, have amossed a total of more than 4,000 trauble-free hours in the air. The operation, having carried the equivalent of \$5,000,000 letters and saved on estimated 47,500,000 letter days, has proved its worth to the Post Office, to take Anaelsk Airways. In the pecale being served—and to Sikorsky Aircraft.



SIKORSKY AIRCRAFT

ONE OF THE FOUR DIVISIONS OF



It is the primary objective of the ADMA explanation to provide mornit pure and supplies purchasers with highly republic rootes of supply and she has in stricts and produce. Like "porting" on about, the ADMA exhibits mands for republic

D.M.A. DISTRIBUTORS

Particular Mayor Particular Parti

DATES AND AND AND THE PARTY OF WHEN AND DESIGNATION WHERE SETWARD OPENS TO MAKE SETWARD OF THE TOTAL OPENS TO MAKE SETWARD OF THE TOTAL OPENS

STRIBUTORS AND MANUFACTURERS ASSOCIATION National Headquarters - 101 ASCH STEET - Philodelphie 6, Pa.



Electrol builds the Air Springs for the "Built-in-Runway" of the C-82 Packet

THANKS to its revolutionary, track-type landing over the Enterhild C-82 Perk. et can toke-aff and land where it chaoses - no seel. sand, or other universed surfaces.

Coult for this outstanding primaryment - that enables aircraft to carry their own lending strips - is shared in part by Electrol engineers. Applying their wide and diversified hydraulic knowledge, they designed and built the Air Springs. which provide the transmitten frees necessary to mointain tension in the built-in-runway's "beit"yes, knot it flouble except on it will defect when This is but one of many examples where Electral was called upon to bein solve a problem involving



Auburn Flange-type high altitude JET IGNITOR Spark Pluas Lat us figure on

New Sidelights 7 Briefing for Dealers 37 Letters 45

Engineering 20 What's New 52 New Products 32 Editornal 54

Charles E. Ashana - Trouger Lieux Virterio Gircoll - Simon Manage

Ensurer and Edward Office: 330 W 43d St., Nov York St. N. Y., Phone

Percept Nova Stronge, London, Pape, Frankfart, Marcon, Usiya, Bunday, McDontin, Wi. in Irealis, Reconstitute, Correspondents in Albana, Compa-tantine, Physical Review Review Laboratories and Albana, Comput-tations, Computer Street, Computer and Computer Street, Computer Stree Desiry H. Kesser, Stellard S. Perker, William F. Swiley Stellar P. Cha-

J. G. Johnson, Ourseau Monoger, E. W. Morrer, Jr., Selec Monoger, Solom Representations, J. C. Andrews, New York, W. J. Sterr, Federickson, V. K. Omerez, Gerbeite, J. L. Elbel, Georget, W. T. Dowest, D. Courte, J. L. Klow Dellar, W. G. Johnson, Edwist, J. W. Greeney, Parketter, Deventor, C. F. Melley and L. Lee, Angeles, Ottor and Parketter, Deventor, G. P. Melley and L. Lee, Angeles, Ottor and Edwis, Physical Rev. Boson, vol. 1, 2008.

An ATTITUDE and an APTITUDE that built a 17-acre plant

> So did gaggafacturers in other industries. But it took some an autitude . . . a way of kicking at hall begrann from

> > A job done is just the beginning of a job to do

Each new achievement in operaft hall beauties serves as the takentil for till another advance. For manage, Fainir assal, surport shot, polar rold, some and rain, prosuga strace dearent, salt ruens and almost even thing else.

Ideas are contenious One residence's relation suggests the corner to still another

Division

AVIATION WEEK, December 6, 1940



Warnan-Gordon-specialists in the vital forgings of the internal combustion engine since its inception—is today the largest producer of crankshafts for the automotive industry and of all types of forgings for the aircraft industry.

Be it crankshafts and other vital forgings for the piston type engines or turbine wheels end impellers for turbo jets-there is no substitute for Wyman-Gordon experience.

Standard of the Industry for More Than Sixty Years VYMAN - GORDON

Forgings of Aluminum, Magnesium, Steel

WORCESTER, MASSACHUSETTS, U. S. A. DETROIT, MICHIGAN ARVEY, ILLINOIS

AVIATION WELK, Becember 6, 1941

NEWS SIDELIGHTS

Five-Hour Air Show

Smoothing Airways

avolved-fee SUIB sampation covered

Airline Investigation

Lobbying Prespects

Air Force Fight

Produceability Problem

An obborsts are show will see for procusionent Holding strengly to the



Are you fixed with rearing problems beyond the that an entensive program of research and experiences the progress and development of the symmet trebutty.

Purific Western techniques, backed by the knowledge

Write as your employ bilinked for your cap of the weal

Good Gears for over 50 years







20-22-Cultivinity Ports Short Cognic of Duction and Supports Missansian Six

And all the state of the State

Age &4. American Association of Alexent Encountries Oblahoma City

AVIATION WEIK, Describer 6, 1948

The Birdmen's Perch

By Major Al Williams, AUAS, "TATTERED WING THE." Gulf Avietien Freducts Manager, Gulf Eldg., Pätchungh 20, Pa.

LITTLE KNOWN SACT

Gulf Oil Corporation and Gulf

GHIE

AVIATION PRODUCTS



AVIATION WEEK, December 6, 2008.





SOCKET SCREW



OVER 45 MARI IN RESISTE



threaded and resilient and, because E it is reported "Direc", "Lark" and "Place" R if I rapped "May", "Lock" non "reso-and all in one, -percented to have an excep-

NEWS DIGEST

ton personnel of CAA's Differ of Aviation phase on regional officer. As pet, there are

Office of Folical Always will be marger cond. cond

Raines Exercis Agency let nock

INDUSTRY ORSERVER

* Watch for the Navy to cover un with some low-distance dishes to dow to criticists that it does not now have any closes capable of patting that thorn to test. Most likely confidence for the range demonstrations appear McDonnell Randor (FIHA). Both planes will probably be launched

New Deads: D-556-H Skopelet has exceeded resic speed to shallow

dives using only the 3000th threst Westinghouse 24C turbujet engine as D-556-II at drawing to attain Much gamber 1 4 for encuch texts and is theoretically expuble of Much number 2.75 (1823 righ at high ablitude).

rule bombon. Conver is rolling one B 568 per vert cut of its Foot * Brack Air Force is usuar Reach Benerous and Republic Serbers in its

Hooker N7s. Degensty designed as a folding-year Naval carrier fasher.

In threat None carriers which CAC is tooling up to harld in Australia

STANDARD PRESSED STEEL CO.



What All-Weather Airways System Needs CAA gives first demonstration of air and

INDIANAPOLIS-First perk at how

ground devices used in interim program.

► English Ausonnerment-Regard news - EDME Progress-Production specifies



* Marine Levin, Maine steam stell room solitary and ordine ess are hence many

Propes Highlights-Herr are butappearance displaced and bested at a DAME_DAME is reside recorner and

AVIATION WEEK, December 6, 1965

tipes of 13,000. These helicomicle * Orser-Renge-Mann effort on the non-Two type of DME againment

wohlers mosed by the relatively limited

cases the DME consequent will be le-

Piper-Stinson Deal involves reported

83 millions merges two of top names in field.

Prodests' Coresests-William 1

qualified industry observers as a con-

AIA to Choose

New President

AVEATION WEEK Becomber 6, 1945

Now days line looks when approach is high and to right --





lights being shows by serious developer El T. Cory Prancia (left) Slope Line Light Approval Near Panel recommends that new system become approach

standard for both military and civil plane me-

AVIATION WEEK, Droumber 6, 1948

Filish Fuel Convergion-Unite the



Course IV a house slott under right wine of modified Northern Stock Wislaw .



Navy Reveals Ramjet Missile

BEADLINE NEWS

PRODUCTION

Steel Standards

An NASC unbecommittee discusses stocking and

an NASC renormanities on Tarters of different state, shapes and types of

F Voluntary List-Most than a year arm.

AVIATION WEEK, December 6, 1945

but it embire AMC to secure opera-

and apparent to the reserve our tank will not need all of our 27 lether

P Air Face Backme-The stell will plant from Wes Assets Admiratestron

WHO'S WHERE

Aviation Maintenance Corn. Reactivated With New Work Floub Tool Co., Lot Angeles, sp. neight Therm S. Meule rules commanager of the silicons associations



How Boeing Spreads Its Work

salesatisening sit up.

P Doller Allocators-Of tyun dellar



PRODUCTION BRIEFS

Commun. Aircraft Engineering Corp., Bethpage, N. Y., has completed the first production 1937. Nav. set Westerboose Electric Corp. ha-

Paseski Heliospher Corp., Morton. True Engineering & Mfr

IS YOUR PLANE WORKING THIS WINTER? Here's how Navian stays on the jab all year 'round . . .



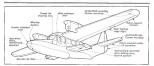


ALL-YEAR PERFORMANCE PRATURES

Sherry leading and take all a faint networked garments of my plong in its days. She are been all reduces being y plane in its dawn secure water water work full school and is marginal worker sector of executary law special

The Thoroughly Proven Post-War Plane Ryan Navion Rely on Ruan was associated compast - an impression one - san bode of cautomia

ENGINEERING



"Tribian" Amphib Attracts Wide Interest

Prototyne of new British design will accommodate 3 to 4 passengers. Feeder, military versions planned.

P Avrice Intend - Many retended

Liberatories I'ld Marcia Longles in on the utimed abrealy shown in



Special Substitution of States of States and States and

ECLIPSE-PIONEER



Tribian-Specification	Dete
Winz	
Rost cheed	
Geor wing per	
	. 32 sq. f
Telplace sex	29.4 so. 1
Dontor ava	
Fin see	12.7 m. 1
Endler was	
Findage	
Length	
Wegleb	
Disposible local	1321 8
Wag looking	
	113 mpl
Owning speed day level)	
Sultrar speed (Sup. down, ourse of)	55 mg/
Innal cas of short	35 400 5
Tribert detroce (test)	
Takoofi distance (eutor)	300 11
Tricoff tree	- 25 sp
Range, full land (with 60 gal an feel) -	F90 =
Respt. two recognis	

► Half-The structure is an improve.

rated to recoverage de Perellinal ex-

Vanable-patch countrast spend peops

New Computer Solves Complex Problems to electronic side role, her been

New Knock Rating Near for Aviation Fuel

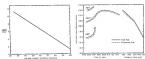
problem nosed by powerful facts for niston engines.

Procedure is being devised to cope with perplexing

the CRC created the F-4 reportures



Williams Personally land to be extend Fig. 1 (bit) AsserNav endouseer may ware tested spiret tetrorfiel less in its rating reales are shown in this comparison by said produced from our to every first serious, and rained according to this cares, which proved bone follows of table bearto



he fooding of conditions tested. All of the data are recovered each haded toptometection is shown here. Fig. 4 (right) Type of data

cutes reliability at scale over complete range.



OBSOLETE!

The correspond word in acrosswates . . . and offs shallower that posts it on The avarieur industry knows that its best will only be good enough if it continues to be the best That's why every factor continuing to this cost should be of locus interest.



WOLF'S HEAD

"finest of the fine aviation oil

2015 Few Personnels P. D. D. D. A.

AVIATION WEIK, Detention to Just



Oil Re-use Offers Big Cost Saving

Re-refining procedures of the Air Force and airlines could also be cosmony measure for manufacturers.

Ear of their in log 75 cmbes gai, linken as A contrast, and Audity, the Unatal and a Contrast, and a Contrast,

work to 2 controlled at the book on the WSAT, your Shoul 1977-480, of a bond 1972-900 gill researd, owned 1,000, and resident for register was a subsequent of the creative of the creative and the subsequent of the CRAbbonia. Softened Aces, where 40 period to make the control of the CRAbbonia of the creative and the control of the CRAbbonia of the creative and the control of the CRAbbonia of the creative and the control of the CRAbbonia of the creative and the control of the creative and the control of the creative and the creat

AVIATION WEEK, December 6, 1966

CSAF has all no week does mencial processors to bring on it for up to now I also specifications. P Cost Deta-Cost of mencion processors in the STSE for a 20% ga to possible to the second cost of the cost of the medical of the mencion of the medical of the mencion of the medical of the medic

northly at La Carolia Pirid When

Both sirkets openic their own

Bendix Radio



SIX RADIOS IN ONE!

1. As Andreys
Protres, technics
Value filter (with

A standard breedend resident (with long)

4. An AC resolver

5. A DC Mariner

6. Aberiyas



Chickens gilluind an increase par ann quick Circles and an Melendra deservitive hel I'm of Rightweigh Selfs Supposed Selfs Sel

sursinicists, appears from 30 percent contrile gains, garner and other nurtee P. Propen Details. Re-of-may is actuable and community.

Practically all reactions talken the coders is to look one reader sets horness of Engenet dimension letter down as follows:

* Addition-Also lost or or referent and

Mest receiver, while not house P Vacuum vs. Persons-Of the two



The buge overbaul factories of Pacific Airmotive serve

everyone in aviation from the largest carrier to the individual owner.

Mecrabile, receipen or leaves

Aluminum Foil Used In Fire-Fighting Suit

SEND FOR THE SA-PAGE COLOR RECONSES ON PAC PACIFIES

CABLE ADDRESS OF PACAIR Landon & PACAIR Burbank

PACIFIC AIRMOTIVE confi

AVIATION'S OLDEST AND LARGEST MAINTENANCE AND SUPPLY COMPAN

"Give us the tools ... "

For High Wages, Full Employment . . . Business Must Have Better Tools and More Money to Pay for Them

So far we have excepted the post-war degression predicted by leading correspond companies. Howcan we continue to frustrate gloomy prophets who are only decreasion about?

At the end of World War II the federal Dedutely shead. He said we would have 6.000,000 unoranioved four months after VI-Day and \$,000,000 a few months later.

But we did not have described. We did not America, went ahead to build his place and world markets-markets binger actually and notentually, in terms of world-wide trade and profits then any pressocally envisured

Second, the American beginners and able spent \$50 billion building new plants and baying There may be other seasons why we missed a

H-what has powered our recount prosperity is Day to irrecove their plants It provided jobs directly for 5 million possilegreat new industries such as solevision. It

machinery, plantics, steel and cel indestrus. It throughout the country. This spending his mode the difference between

In fact, we know new that what business savule for new plants and new tools always makes the difference between prosperity and theren. the difference between national steenach and

The accompanying chart tells the story. When ment, we have had prosperity and strength entent that business used its view reserves, also improve and expand as facilities. This year in-

Has this prost post-war exception actually we come now to the saturation noise the New

Proof of that nesser is being developed

through a McGerw-Hill national survey of "Recings," North for New Plants and EssenSupposite and Caultal Installibures in Proceedings



meet" details of which will be even in this oditorial sense is coming months We have a basser nation, more pecole, to human poeds which the war created around the such as this opentry pover assumed before

Here are ammediate things crying to be done. I Russness still needs billions to expand profor power, electric utility companies must mearly double their present assuration cases by in 10 years. That will cost more than 57.5 billion. To fill increasing needs for oil and cuspling, oil

on to date and correctes wear and tree Exa third of the total, are more than a quarter of the textile industry are more than 20 years old. Half of our coke owner, basic equipment for

Machinery that will get out 80% of the darty,

racce sound, more prosperous, botter America, years old, and only half as officient as reodern 3. Burners will needs many follows to do new things in dramatic new years Ecomole:

dangerous work of minute soft coal has been perfected. A new suspensibile entrine plant will reduce the work that soes into expre-building and enrincers have developed could be cited. igenessurable promine of adding to the abusa sten alone the whole costs of industry - from encelone our eye materials to defracting familied

of doing things standing ready for general use. But the exactal ascetten new in Where is the neapty common from to got to work these new Receives has used its own recourage to for people willing to risk their savines, his been

strong and efficient. The next editorial in this series will deal with this new and crucially-But bracers can not count on reality alone to do the job. Profits are too uncertain From now on finding the money . . to not new with the expension and improvement that will

... cells for the suspect of all Americans This comes right down to you...for at stake the energy-day thines, like coal and clothing, of By helping business get new and better tools, you will help yourself-and you will help build a

NEW AVIATION PRODUCTS



Fuel Shut-off Valve

ditions contributing to destruction of



UHF Noise Diode



Medical by Gibt Bothen Min Co.

Checks Grease Action

AVEATION WEEK. December 6, 1940



Light-Aircraft Oil Filter New PRS set fiber made by Fram



Electrical Harmoss Clamp

Ma Sea Moss on the albatross!

As reported factor in radios places of all types beliter and stronger as pergero Arresult Tubene, linkerent strength-without-weight advantages make outuce Aircoaft Tabasa isless for entire extents street macrobbes redder controls, fawlare frames by drawbe systems, and other applications. And these are added beautits from to Army, Navy and AMS specifications

in arceast tobier-famous for mecision craftsmanship Office and promote a meeting with an outurn Averall elanging and diagons was an which correspond further your progress. No obligation, of corrae





[80] ASBACTORS , could be Separate Acrost tag reacting Corn , American Goog belond, is a new condition discipled in resid with comparation produced at coops become it or make



SALES & SERVICE

Plan Studied to Cut Training Costs Four-place planes would be used to conduct group instruction offering many benefits over normal method.

point is been evaluated by the Obio

offs londrary, harps, restance for regress, *Store 2-6 hr for each student in a

Recor the done in fight these, turqu

sponsored Combins Print Turring Pro-

When you're alad you have Snap-on **Heavy Duty Ratchet** speeds landing gear service

EXTRA powerful leverage . . . peccision-beilt. reversible ratchesing mechanism . . . year-after-year

detendability . . . these are the features was find in a Snap-on

Heavy Duty Ratchet, It's busicy except to beeak loose the rightest of those large nats and holts . . . its efficient, smooth-working action helps cut

"down time" to a geninum. When your "Snap-on men" calls with his com-

... keeps 'em flying!

plete line of quality took for aviation maintenance ask to see this ratchet and other Snap-on heavy daty tooks. Available thousan a nationwide. Given-

SNAP-ON TOOLS CORPORATION . 8020-L. 28th Avenue, Kenosha, Wisconsin International Division: Kenneke, Wis., U. S. A.



and accepte tesling of FEATHER-WINGHT of

nors after, PEATHER-WEIGHT of coolers

conditions, Insulvies concerning PEATREE 561 Grove St., Waltham 54, Mayorkpaytts Divining of Shandard - Thomas Corp., Offices in







AVIATION WEEK, Describer 6, 1948

BRIEFING FOR DEALERS & DISTRIBUTORS SWITH BYAN NAVION-Illion Associated Co. delected to 5000.

PRIVATE PILOT PROFICIENCY-After completion of ascent fight tests on arbus paid paticiones. CAA recorders hope to conduct paid

stradards and compressions toward a more maluful and spenaltic spensor of pilet copilekts than the current "colorel-thursh" method.

AIRPORT REVENUE SOURCES-Sept-com most in monomicnamed concessors it proofs to brow as additional revenue will depend

waters. In addition to the fourblade weaters Senergely shows on a which may five out to be the most precion! congresses between more and an electric of conferentian which has not appeared. Proc. Attention

SELLING EXECUTIVE TRAVEL-A story which nearly every fixed

FINANCIAL

Stock Analysts Report on Aviation Two market letters examine earning notentials of both space female resums errorest manufacturers and carriers in war and prace.

had builded investment abovers seen. Pitters by Compression reduces to our see: The Veloc Line published by of the colons also a subve by Veloc

AVOID THESE WINTER LOSSES!



IF your apport activity stops every time the Soow Fighters. Experience at America's leading convenence) and multiply airports proves that no

As an example, two Walter Stone Fighters clear a

owner and make business to essent pleasure

signal Water closes and worm bert many for to Washingt are lout to infe keels The runway No other snow removal equipment can match the 100% traction of Walter 4-Point Positive

> WALTER MOTOR TRUCK COMPANY 1001-19 Indeg Ave., Ridgewood ST, Queens, L.I., HA



WALTER

Safety Glass BY "PITTSBURGH"

methods. Many of these problems are being solved successfully by the Pittsbergh

By applying proved engineering principles and continuing an aggressive palary who to reveal an expension of the second control of the second se

That "Pethdoreth" medians are eleter satisfactory service where excep-"Pittsbrogh" Safety Classes in most sulkury and large commercial planes We invote you to have your workless to "Patalarrah" Pittalarrah Plate.





PAINTS GLASS CHEMICALS BRUSHES PLASTICS



Mediation Ends National Strike

week necessistions between company and pilots' union. The forgot and most costly stale in discussed, and ill claims by both sides. Inner M. Londo, former CAB close

► Sufty Withdown-Practice Streeting

AVIATION WEEK, December 6, 1965

TRANSPORT

Former CAB Chairman Landis umpires secret three-

NAL Long High-Repressions of

The NALALPA attlement provides . Plinerally-ment legality-Drauts att mice by fairs on the ties we won own or or Netherla Steels to Pet Africa

too, the National Prints Association, . Morr Mad Per Offensi-The latest of

will not be used to recountly ALPA Ay Lents and another appropriate cor-

members atturning to work lastered, rice would be in the public lattered

World Coach Plan Tabled by IATA



stycouch arrect often money can end such as a finest that can from LaGrandia New 29

Public Takes to Skycoach Service

Agreem and Capital Aslines (PCA) are PCA Makes Profe-Manuschile. Cras-Scot 14, PAA has had the flights

VICKERS VALETTA

Troop carrier, freighter, ambulance, sion to any one of these roles.







Acother servethosol volve shows

VHF COMMUNICATION

and LF NAVIGATION SYSTEMS

meet every Operational Need

Meets bone needs by peopleting for VHF Transcorrise, LF

A baser VIII encrement to chadrag a regulde VHP Received

THE A.R.C. TYPE 11A

THE R P. C. TYPE 17

profiled VHF Transmissor.



The concurrator - Bloomerton Office and astropal dalesse Fires Defect-Change & Southern's

ner A.R.C. TYPE 12 (Above)

68 with of these systems have been Type-Contricted by

Combines the advantages of the

OF AVIATION EXECUTIVES

CAA Charges Overload

. The latest development in port-. Full 250,000 ETU per hour ca-

some when detillets

5 Two 12" disc x 12" lone, extend-



What's the one?' he seled

In armouncing that his company had made its list flight, Joe Dobbors,

he GROUND HEATER that's really going places!

760 Now HERMAN NELSON De Luxe Model Portuble Heuter

the company's operating constants

- Aircreft engine probesting Still Available



SINCE I'M MANUFACTURERS OF QUALITY HEATING AND VEHTLATING PRODUCTS



Private Plane Position Light Flasher

NEW SAFETY

P DIAMETER 2" -HETOIRT 4

SHEELD FLACIER FAIR Team Emperating & Manufacturing Company Inc.

HEACO is also producing appeared type Suphers for commer

FOR NIGHT FLIGHTS FLASH-AIRE

PAA INNOVATION

AVIATION WEEK, December 6, 1940

More Mail Pay For Fiscal 1040 The Post Office Department will al-

* Estinate For 1990. The Post Office

Meanth 20(23) (1001123) Challenger 211(2) (1012(0) Pacific Alveurs 1011 110 (1012(0) Ward Cond. 1012(0) 1011(101) Pacific 101(1) (1112(0) Trees Cons. 1012(0) (1012(1) Revision trained length [1011(1) Pacifics. Dir is the Descriptoral's operated De middlime, prysonale vall he mede for Abdales revision file one in hillend. Gar-devis Ale Service, 333-317. Austrian Cardens Ale Service, 333-317. Austriana Cardens Ale Service, 333-347. Austriana Cardens Abdales 233-347. Austriana del Abdales Cardens Abdales Cardens . Promotes to the "big five" will re-

Named O'modifiering ability System (1978)
1001-192 Neckous 2000 KLA 100-27 Sept. 1027-281 Cities Vallead Avisition, \$10-30 Lot year only 100 Storage Care form received from the property of 10 Mat Persons 2000 Storage Care Stor

997, Tries-Tour Aerena from \$695,-

Air Mail Post Cards sonicetched wears on a lathe back

Western Billiott (BERTIN) Copied Lifting (BUNING) Revenies, EARTH BURTIN, Conference Bullion (CLET), Conference March, 18 (19) (BURTING)

Phones 5125447 (\$125130) Food-ed 507447 (\$155230) Brits 5207-00 (\$15045) WAR-Selbest, \$12013

Sealing Washers ARE 100% POSITIVE

Handrads of thousands in use without one recented foll-

the seeing national by a weeks type

Larte Q Seal and

The FRANKLIN C. WOLFE CO.

TRANSPORT

LICHT THE WAY TO Safety WITH Parachute

Brilliand Sight or the file of a region.

He piece should sparse at sight without browned trail Place A dom-

Write



P Delta-Reports \$137,359 get penin

SHORTLINES

P Custal-Reports \$163,349 operation

* Stradiogram Addison Systems Flori

* Transcens-Has been authorized by

Rheinstrom Dissolves Firm Antrics and Washington, D.C., avaestreets of Chuke A Rheistron.

CAB SCHEDULE

Don 4-Housely on TWA's exception New doubled accessed by Calcifornia to And I - Thomas in from England where exprise case (Dodget St.M. et al.) But 10-District on Worker Air Linux. Arthrelia Afrenze Stat Districtura renda Planelle Chedal 2002 And 45-Sharing an Blands unleave speed action harders Note And Transports-tion Street, 120-681 5451 1

LETTERS

"Personding Millions to Eh"

SEARCHLIGHT SECTION THE OVERLY A DISINES A OPPOPTIBILITIES AREADY AND A POSSESSION OF THE PARTY OF THE

ENGINEERING DRAFTSMEN ENGINEERING DESIGNERS

BERODYNAMICISTS

CONSCIUDATED VIRTEE AMCRAFT CORPORATION FORT WORTH STWHOS

or or miles with community or private per-pera, 1970 here total time (annighm) bred to least rece and credit one credit PT-1888 attribute Words AVIATION WEEK, Brownber 6, 1968.

KILCORE MFG. CO.

(i) SEARCHLIGHT SECTION

AIRCRAFT ENGINEERS Positions available for experienced Engineers to Aerodynamics Stress Analysis

Engineering Design Engineering Drafting Medonnell Amerapy Corporation

PLASECKI

Prot Office Sex 518

Wants---Top Flight Engineers-Pair Relinquies Long here program there exceptions operating for embrious * ATTACANT DESCRIPTION DISCRETE . L'OCAL LEGE CON EMCORITAIN

PLASFORT MELICOPTER CORP., Martin, Po. (Phile, Saburb) DRAFTSMEN **ELECTRONIC DEVELOPMENT ENGINEERS**

and ELECTRONIC TECHNICIANS Expression may who are interested in location at the new plant in Parties Vision The Company has executabed a Freezes Group and will make army abled in quite CHANCE VOMENT AIRPRAFT R O ROY 1907 DALLAS TEVAS

CTANDARD AIRCRAFT EQUIPMENT COMPANY IN

WANTED Stress, Design, Process and Planning Engineers and Drafteman

SPECIAL SERVICE

Subside expensace excussion

ACDRNOS AIRCRAFT CORPORATION MIDDLETOWN, OHIO

new and used DC-3 and DC-4

parts, equipment and accessories at below cost! for 26-3 and P & W B-WIII parts, specially and compression, colored Charles of the Charle

As DC-4 and P. S. H. B-1997 and accounts and companies. Assets

Balled Air Liver Auditoriests Balled Air Liver Auditoriests Balle, Sprokery Statery, Logist People Arboy Europeed to be

S-S1 HELICOPTER Address Property Total Time PRICED CURRENT MARKET PRY-58 CATALINAS No American State Committee and the

PROFESSIONAL. SERVICES LANCASTER ALLWING & ROWARD Registered Petrot Attorneys Patroni Promitive Serious II L. Patroni Cirilian. off o't, risk to the Manager to

Old Country Rond, Manuals, L. L. N. Y.

TWIN NUCECULARY - BOUGLAS

Mark Task Anderson Cong., 5 M. at 25. N. T. C

Gooden City XX

AVIATION WEEK, Bromber 6, 2648

\$10,000,000.00 Stock in our warehousel

ALL-NEW AIRCRAFT PARTS HARDWARE COMPONENTS

A great source at supply for: MANUFACTURERS EXPORTERS AIRPORTS AIRLINES WHOLESALERS

FLYING SCHOOLS SEND US YOUR REQUIREMENTS FOR SCREENING Please femish as with AN

SAVE TIME SAVE MONEY Buy from one firm instead of many!

COMMERCIAL SURPLUS SALES OF

4101 Cartis Ave., Cartis Bey ______

FOR ands for scheduled our line SALE

® SEARCHLIGHT SECTION ®

DOUGLAS -

DC-4

AIRPI ANES

demestic scheduled

EXPORT SPECIALISTS

of AIECRAFT PARTS

354 South Spreag Street Les Angeles 13. California

CARLA ARRESTS "MORES" Laurenter

wet wanted .. reduced. Control

TIT SONOTA AVE

nir line

These work fraction editory treasured

Fearment with P.A.W.R-2000-D

Address oil measures to Grand Central Station

HORCO TRACING CORPORATION

100 hour warranted

Conversion . . . \$1695 with exchange STEWARD GAVES + 12200 SOUTH WISHING

GLENBALE 1, CALIFORNIA

& WHITNEY PARTS NEW . INSPECTED . GUARANTEED A 525 000 000 INVENTORY #7000 #7000 #2000 #1100 P005

Property Fram 35% Off Government Cost AID DADTS DEET, AM

STRICTLY PERSONAL

Arent Manten Walsh stored evolu-

Nuber's Hunch Philosophy-Ther

Sefe lor't Segarion)-Hy Sheeling

Now, Larry Kell, C&S sublected

tended a company "social". One charme trice to the sound of fine been. With ferred that controversial record. "As-



public relations class. Paul Audocea

sheet an actuators - Scott Hersbey at

New Books

Thate Engineer Mennel," by

"Gis Tables," a reference book by Kine of MIT, replaces the earlier tol-

"Zee: Die Cartyre in Ever Wittenise

Fields," a 63 page booklet available from New Jersey Zinc Co., 160 Front St., New York 7, N. Y., ston negatil. theory believe of data for thermo-

lance G. Riddle Co., 1316 Arch St.,

AVIATION INC

WHAT'S NEW

Asiaru Spate Play Cr., Inc. Agency-Spate & Work Advantages

first let

Religio Pinger Der of Breds Arbeiter Grey III

Frisir Soving Co., The Students Appellar Dr Agency William Laurida Wilcon S Appellar Standard Present Steel Co. Aprent - R. E. Levellin Corp.

Non. the world's

Kigani Miy. Co. Armer - For A Bowers Adv. Agrees

ADVERTISERS IN THIS ISSUE

AVIATION WHEE -- DECEMBER 4, 1941



Now, in these times. Abrites and Fired base operators alike recognite the importunce of your selection from our loops NEW and SEEPLES wash of Valueties Meaning Lamps Ergins Perm (F6W and Wright), AN Hardware - Brets - Accessors - Englands



EDITORIAL

A Break in the Overcast

The communications of the transport has found store, it will be Verbridge but here excessed "Mone and latth in the status are made and a few reads and that it is the status are made. But here said there has of these are contained. The status are made and the status are status are status and the status are status and the status are status and the status are status are status and the status are status and the status are status and the status are status are

sides factor.

Rither thiss betweening the general doop in all authoral treet. Air Diraces capitanted that the anises see wasning and treet. Air Diraces capitanted that the artists of wasning and anises are wasning and the second control of the artists of the power of the artists of the power of the artists of the power of the artists of the artists

The appropriate problem is more than the subsequence of the control of the contro

Editor, exports that experimental couch un accelerated by Pin American and Coptal for winning certainmeter public exception. Fin American has relief a second couch plans as sould discuss between New York and Paperts Rice or Profess, Schreider and Sandary And Capital raise vital relief and the profession of the control of the profession of the profession of the control of the profession of the protess at a feet when \$5' 00 mere you have a protess at a feet when \$5' 00 mere public and the interpretable De No. 20 feet not the profession of the protession of the profession of the profession of the profession of the De No. 20 feet not profession of the profession of th

of International Ast Transport constants request a second to Transport Constants request a first the same first in the latest entire solve parties to be able to be a

Schlag The Dable-Speaking of gable reviews the highest speed speed house of them all was feld on Los Seguits, Speedy, Nov. 19. Novals 150,000 people of a new feedy of the Speedy of the Speedy of the Speedy of the transferred of the Speedy of the strategies of the Speedy of the S

264 person. "We read how sold at lost trace the samble of neckers are and high the proce." Block Conv., American's nection region public indicates assurance, and The used inspectate for it fails 9 out of every 10 Los Angeles proceepers was a final Righter. For experience shows that every person as conserved to an trust offer their fine flight. For too length or trusted to an interest of the third work process are conserved to be trusted of the mattern who evidence on equivalence of the sold of the process of the same pro

rigg, set freesport has been concentrating to

some presence, we seem to be been and blowing "Land

light, but upon the three point to a been,

SOHERT IL WOOD

ROBERT IL WOOD



FLYING BASIN TRAVELS LIGHT -- MADE OF DU PONT "LUCITE"



SH SH "GMATY" the Pulls mak of "Loute" Invente the load I'll formed by a combonation of presense present, we cannot drawn and bloomy "Loute" small order of by other and other food ands. It resists must observable, with all the main and other compantal I'll may be are simply and I'll may be are simply and developments in Laures" and other Do Puls observable Fig.

Saves weight ... makes greater payloads possible

Bon you may me beause the film

Bon hour

I make the condens where doubt

leader or condens where doubt

leader was the inest plate ... an anough.

Weighting only 'v , the, without

Weighting only 'v , the with

Weighting only '

waterwark, bushers and arone. Weeplang oldy 71; the, without \$4 sizes, than hamo of "Locials" anophic and considerate securities older were considered securities older with the busin withstands be used; has considered discussional as tallity and is shattar-resistent to the securities of the securiti

How short your sixers \$12 Perhaps ou can profit with accordences reads from "Luctor" or statistic Du Prost planic. Write for many data, E. L. du Prost in Nemours & Co. (1904), Plantics Dept., Hours 2012, Arthurghen, N. J. house and a completion of a development of the Int. Million Met dept.







- MOTORS AND CONTROL
- TURBOSUPERCHARGERS
- TORDOO STORES
- THE THRAINES
- FOR JET PROPULSION
- IGNITION AND POWER STATE
- ACTUA
- AND TRANSFORMER

The North American F-86, powered by a General Electric TG-190 (USAF Type J47) turbo-jet engine, is the "blue ribban" winner af the new official world speed recard of 670.981 miles an hour.

Piloted by veteran ace Major Richard L. Jahnsan, the turbo-jet plane bettered its awn unofficial recard of 669-73 mph set of the Notional Air Races at Cleveland. The F-86 was completely armed and carried a full complement of ammunitian. The new recard was announced an Air Farce Day by General Hayt S. Vandenberg, Chief af Staff of the Air Farce.

The TG-190 pawer plant af the super-streamlined F-86, was developed and produced by G-Es Aircraft Gas Turbine Divisions at Lynn, Mass. The farmer speed recard of 650.796 miles per haur was set by a Navy Douglas D-558 "Skystreak" propelled by the General Electric designed TG-180.

General Electric research and engineering works continuously to improve existing products and to devise new means to ossist its associates in the aviation industry, G-Bel leadership in the development and production of engineered systems and precision products for aircroft is available to you by contacting your nearest G-5 office, Apparatus Department, General Electric Campany, Schenectody, New Yark.

